On a layer with a numeric primary key, QGIS enforces a not null constraint.

We may expect to circumvent this constraint with a default value. With the default "Range" widget however, the default value is not taken into account and there is no way to validate the form without manually entering a non null value.

However with the "Text Edit" widget, the default value is correctly taken.

**Related issues:**
Related to QGIS Application - Bug report # 19671: The Ok button for the form ...

**Associated revisions**

**Revision eb5a3367 - 2019-01-30 10:39 AM - Hugo Mercier**

Fix "Allow null" in range widget (fixes #20831)

By default a range widget is built with a minimum value set to the minimal integer that is possible to represent. When "allow null" is enabled, a new value (minvalue - 1) is inserted. With the default value, we then had an integer overflow.

**Revision fa1f8762 - 2019-01-30 01:32 PM - Hugo Mercier**

Merge pull request #9033 from mhugo/fix_20831

Fix "Allow null" in range widget (fixes #20831)

**Revision ef1634c8 - 2019-02-01 10:07 AM - Hugo Mercier**

Fix "Allow null" in range widget (fixes #20831)

By default a range widget is built with a minimum value set to the minimal integer that is possible to represent. When "allow null" is enabled, a new value (minvalue - 1) is inserted. With the default value, we then had an integer overflow.

(cherry picked from commit eb5a3367b651e8a7d83af4af41ea0f481efe126b)
History

#1 - 2018-12-18 09:35 AM - Hugo Mercier
- Related to Bug report #19671: The Ok button for the form dialog is disabled for NOT NULL Postgres columns added

#2 - 2019-01-29 02:57 PM - Hugo Mercier
- Assignee set to Hugo Mercier

#3 - 2019-01-30 01:31 PM - Hugo Mercier
- % Done changed from 0 to 100
- Status changed from Open to Closed

Applied in changeset commit: qgisjeb5a3367b651e8a7d83af4af41ea0f481efc126b.